

**WHAT IS CLAIMED:**

1. A coaxial cable connector comprising:  
a connector body having a cable receiving end and an opposed connection end; and  
a locking sleeve in detachable, re-attachable snap engagement with said insertion end of  
said connector body for securing said cable in said connector body.

2. A coaxial cable connector of claim 1 wherein said locking sleeve is positionable in  
surrounding engagement with cable.

3. A coaxial cable connector of claim 2 wherein said locking sleeve is movable from a first  
position loosely retaining said cable in said connector body to a second position locking said  
cable to said connector body.

4. A coaxial cable connector of claim 3 wherein said locking sleeve sealably couples said  
cable to said connector body in said second position.

5. A connector for terminating a coaxial cable having a center conductor, an insulator  
surrounding said center conductor, a shield surrounding said insulator and a jacket covering said  
shield, said connector comprising:

5 a connector body for receiving said cable, said body having a receiving end for insertably  
receiving said cable and an opposed connection end for extension of said center conductor  
therefrom; and

a locking sleeve in resilient detachable, re-attachable snap engagement with said insertion end of said connector body for securing said cable in said connector body.

6. A connector of claim 5 wherein said connector body is generally tubular and wherein said locking sleeve is generally cylindrical and axially aligned with said connector body, said locking sleeve having a forward end for insertion into said receiving end of said connector body and a receiving end for insertably accommodating said cable.

7. A connector of claim 6 wherein said locking sleeve is axially movable between a first position wherein said cable is loosely retained in said connector body to said second position locking said cable to said connector body.

8. A connector of claim 7 wherein said receiving end of said connector body and said forward end of said sleeve includes cooperative detent structure for said detachable, re-attachable snap engagement of said connector body and said sleeve.

9. A connector of claim 8 wherein said cooperative detent structure includes:  
said connector body having an annular radially inwardly extending body rib adjacent said receiving end; and

said sleeve including a radially outwardly opening annular groove adjacent said forward

5 end thereof;

said rib being resident within said groove in said first position.

10. A connector of claim 9 wherein said annular groove is defined between a pair of spaced apart radially outwardly directed sleeve rings.

11. A connector of claim 10 wherein said sleeve rings include a forward sleeve ring and a rearward sleeve ring, said forward sleeve ring including a rearwardly directed chamfered wall to permit said resilient detachment of said sleeve from said body.

12. A connector of claim 11 wherein said rearward sleeve ring includes a forwardly directed chamfered wall to facilitate said resilient axial movement of said sleeve.

13. A connector of claim 11 wherein said forward end of said sleeve includes at least one slot formed therethrough, said slot facilitating said resilient detachment of said sleeve from said body.

14. A connector of claim 13 wherein said forward end of said sleeve includes a plurality of circumferentially spaced said slots formed therethrough.

15. A connector of claim 11 wherein said locking sleeve includes a radially outwardly directed end ring adjacent said receiving end thereof.

16. A connector of claim 15 wherein said end ring is resiliently engageable with said body rib of said connector body upon said axial movement to define said second position.

17. A method of terminating a coaxial cable to a connector comprising the steps of:  
providing a connector body having a cable receiving end and an opposed connection end;  
providing a locking sleeve supported within said receiving end of said body;  
detaching said locking sleeve from said body;  
5 positioning said locking sleeve over said cable;  
inserting said cable into said connector body; and  
reattaching said locking sleeve to said body to secure said cable to said body.

18. A method of claim 17 wherein said reattaching step includes inserting said locking sleeve into said cable receiving end of said body.

19. A method of claim 17 wherein said inserting step includes moving said locking sleeve from a first position loosely retaining said cable in said body to a second position securing said cable to said body.